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Layout of the Tractor Production Department of the Kirovski Plant

Legend:

50X1-HUM

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CENTRAL INTELLIGENCE AGENCY 50X1-HUM

Layout of the Tractor Production Department of the Kirovski Plant

1. Workshop 200, which was strictly off-limits to PW's.

2. Workshop 100, where engine parts for tractors and tanks were manufactured. The completed tank engine parts left for the engine assembly department (building 16 in annex 1). Four automatic machines and four lathes, two special presses for straightening, and five grinding machines were used to rough-tool 25 tractor crankshafts per shift. In addition, five crankshafts for tank engines and 60 connecting rods for tractors and tanks were produced in one shift.

3. and 4. [redacted] the area was divided into the following sections: 50X1-HUM

3a) Workshop 150, where crankshafts for tractor and tank engines were
3b) manufactured. The single parts for tank engines were tooled on 80 drilling machines, 30 milling machines and 40 lathes. The work force per shift was 300.
3c Workshop 770, where springs were produced for tractors and tanks.
3d Workshop 700, the electrical hardening shop. 50X1-HUM
4 Sandblast shop.

[redacted] the entire area as workshop 700, whose work is as follows: hardening and tooling of springs, cylinder liners, valve heads, and bushings for tractors and tanks. At the end of 1949, crankshafts for tanks and tractors were also annealed here. The hardening equipment consisted of nine annealing furnaces and six baths with P-3 (ammonia-soda solution).

5. Chassis department, where welding, drilling, and spray painting was done. This shop, whose Russian designation was Korpuznoi Tsekh, had 3 welding instruments, 3 to 4 very large American milling machines, five small Russian milling machines, 80 small welding apparatuses with small electrical and autogeneous instruments, 8-10 small hardening furnaces, 10 vertical turning and boring machines with a bench diameter (Tischdurchmesser) of 0.6 meters, and 30 drilling machines. The work force numbered 150 men per shift.

6. A shop which is a part of either the chassis department or the gear shop.

7. Gear construction shop, which had about 100 machines. In each of the two shifts, 120 - 150 men worked here.

50X1-HUM

8. Mechanical Department 10, whose Russian designation was MK-10 or Mekhanicheski Korpus 10. This shop produced bogie wheels and rollers for tractors.

[redacted] 50X1-HUM

9. Chassis workshop, where parts were manufactured. The layout and equipment of this shop are indicated in the sketch [redacted] A section of the shop is shown in the sketch [redacted]

[redacted]

SECRET/CONTROL US [redacted]

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50X1-HUM
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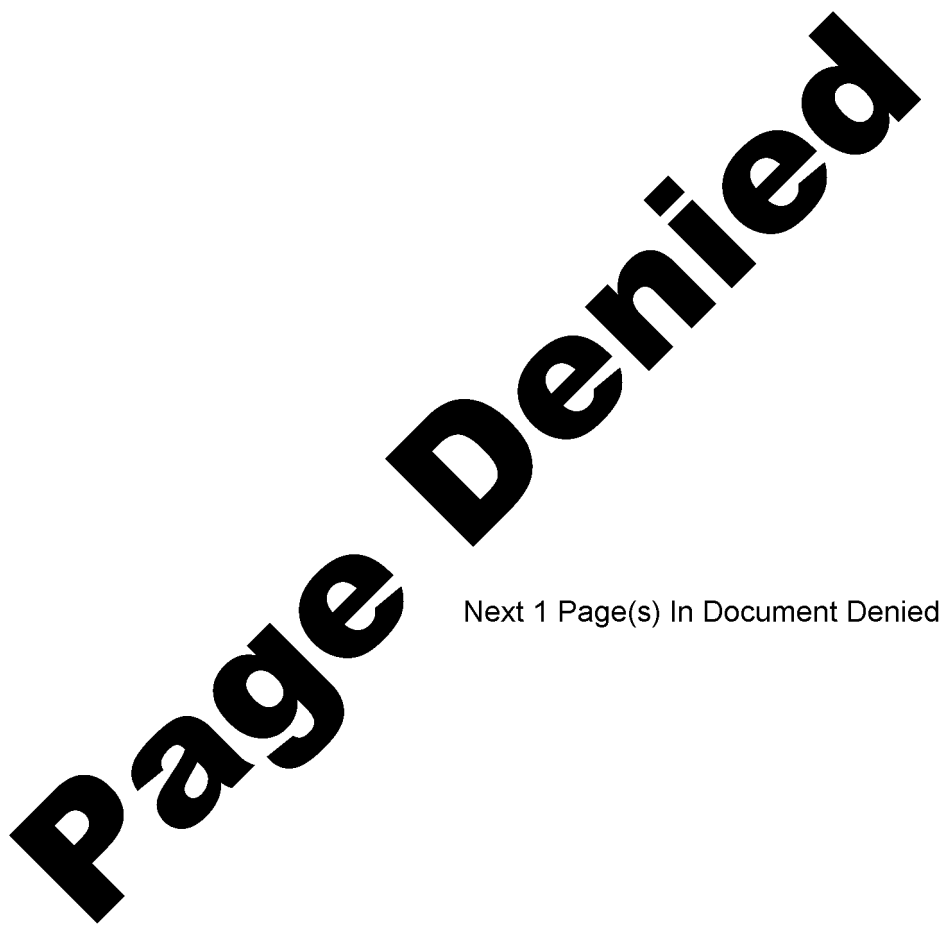

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